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**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1

of 2

***Complete if Known***

Application Number: 10/507,887

Application Number 10/597307

Filing Date 19 July 2006

First Named Inventor Marziali et al.

Art Unit n/a

Examiner Name n/a

Attorney Docket Number U008 0685

DOCUMENTS

**DOCUMENTS** \_\_\_\_\_

**NAME OF Person or  
Applicant of Cited Document**

11. *What is the primary purpose of the following statement?*

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Signature	/Alexander Noguerola/	Date Considered	06/17/2011
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language

Translation is attached.  
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Substitute for form 1449/PTO		<i>Complete If Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/597307
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		Art Unit	n/a
		Examiner Name	n/a
Sheet	2	of	2
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		U008 0685	

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
/A.N./	1	ASTUMIAN et al., Fluctuation Driven Ratchets: Molecular Motors; Departments of Surgery and Biochemistry and Molecular Biology, University of Chicago; 14 March 1994		
/A.N./	2	BIER et al., Biasing Brownian Motion in Different Directions in a 3-State Fluctuating Potential...; Department of Surgery, University of Chicago; 27 May 1996		
/A.N./	3	FRUMIN et al., Nonlinear Focusing of DNA Macromolecules; Proteologics (Israel) Ltd., Rehovot, Israel; 2002		
/A.N./	4	GREISS et al., Cyclic Capillary Electrophoresis; Department of Biochemistry, University of Texas, San Antonio, Texas; 15 November 2001		
/A.N./	5	MAGNASCO, Marcelo O., Forced Thermal Ratchets; NEC Research Institute, Princeton, NJ and The Rockefeller University, New York, NY; 6 September 1993		
/A.N./	6	SLATER et al., The Theory of DNA Separation by Capillary Electrophoresis; Department of Physics, University of Ottawa, Ontario, Canada; Printed in "Current Opinion" 2003		
/A.N./	7	CHACRON et al., Particle Trapping and Self-Focusing In Temporally Asymmetric Ratchets...; University of Ottawa, Ontario, Canada; "The American Physical Society" September 1997		
/A.N./	8	TESSIER et al., Strategies for the Separation of Polyelectrolytes based on Non-Linear Dynamics and...; Department of Physics, University of Ottawa, Ontario, Canada, 2002		

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